

ABSTRACT OF THE DISCLOSURE

An apparatus for introducing granular mold flux onto the top of a slab being cast within a continuous casting mold, the apparatus having delivery means for feeding granular mold flux from an intermediate hopper to the top of the slab being cast, the delivery means including at least one delivery tube assembly interconnected with the intermediate hopper, and mechanism for controlling the flow rate of the granular mold flux through the delivery tube assembly. In the first two embodiments the flow rate control mechanism is a variable pinch valve located between the intermediate hopper and the delivery tube assembly. In the third and fourth embodiments the flow rate control mechanism is an air pump and a mechanism for varying the air volume through the air pump so that the granular mold flux delivered is a function of the air volume of the air pump.